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VPCSA45GX/BI

At just 3.65 lbs., the VAIO® 13.3" S Series laptop offers a step up to the performance and portability you demand. From its seamless contours to advanced technology that offers up to 12 hours and 30 minutes of combined battery life (with optional extended sheet battery)[10] the S combines bold design and mobile performance. Equipped with a 2nd gen Intel® Core™ i5 processor, a powerful AMD Radeon HD 6630M graphics card, and 6GB of memory, the S is a serious contender for your mobile computing needs.

Take it with you

With uncompromising attention to detail and a passion for design, Sony introduces the next generation in VAIO® laptop design. Simple yet bold, the S Series features a fully flat design concept that abandons traditional bulky batteries, unnecessary seams and protruding ports.

Combining a brushed aluminum palmrest shaped to precise specifications and a magnesium alloy chassis, the S Series offers firm structural integrity while creating bold clean contours.

Killer Premium Hybrid Graphics

By utilizing a powerful AMD Radeon™ HD 6630M graphics card with 1GB VRAM[6], you'll experience premium visual quality and intense HD performance without placing huge demands on the CPU. Plus, the VAIO® S Series puts you in control by offering a Hybrid Graphics system that allows you to easily set your graphics performance to deliver power when you need it and energy savings when you don't. You can even set your performance level on the fly without needing to reboot.

A simple hardware switch enables you to choose between two settings. Select Speed for maximum power while multi-tasking or running heavier applications or select Stamina to conserve energy and extend battery life for light computing and mobile scenarios.

On the cutting edge of SSD technology

Quad channel SSD with RAID technology gets you maximum performance and ample storage. RAID technology coordinates between the two solid state drives to keep them operating simultaneously at optimal speed, and each drive also two controllers. The result is quad channel RAID delivering quicker boot-ups, faster application launches and overall enhanced performance. And of course, since SSD technology includes no moving parts, you get a more durable storage solution less prone to physical damage.

Bold and Bright

Developed by the same people you trust to engineer amazing flat-panel HDTVs, this laptop features unbelievably crisp picture quality, making your photos and movies more enjoyable. The 13.3" (1600 x 900) widescreen display includes an LED backlight that helps ensure a bright display with lower power consumption for improved battery life.

The fastest port around.

A USB 3.0 port is perfect for connecting a compatible external hard drive and allowing you to wait less and transfer data up to 10x faster than USB 2.0.

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Specifications

Processor	
Processor Cache	3MB
Processor Speed	2.50GHz[1] with Intel® Turbo Boost Technology up to 3.10GHz[2]
Processor Technology	Dual Core
Processor Type	Intel® Core™ i5-2450M
Display	
Backlight Technology	LED
Resolution	1600 x 900
Screen Size	13.3"
Memory	
Installed Memory	6GB (4GB onboard + 2GB)
Memory Type/ Speed	DDR3/1333MHz
Max. Memory	8GB
Graphics	
Graphics Processor	AMD Radeon™ HD 6630M
Graphics Technology	Hybrid Graphics
Graphics Video RAM	1GB dedicated[6]
Storage	
Storage Capacity	256GB (128GB x 2)[4]
Storage Technology	RAID 0 x 4
Storage Type	Solid State Drive
Optical Drive	
Optical Drive Support - CD/DVD	Read / Write
Optical Drive Type	CD/DVD Player / Burner
Hardware	
Backlit Keyboard	Yes
Camera	Built-in HD web camera powered by Exmor™ sensor and microphone
Keyboard	QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch
Audio	
Sound System	Intel® High Definition Audio with Dolby® Home Theater® Technology v3
Inputs and Outputs	
DC-In	1
HDMI® Output(s)	1
Headphone Output	1
Memory Stick Duo™	1
Port Replicator Connector(s)	1
Secure Digital (SD) Slot	1
USB 2.0	2
USB 3.0	1
VGA Output(s)	1
Wireless/Networking	
Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)
Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T
WiDi Ready	Yes - Intel® Wireless Display Technology[9]
WiFi Adapter	Intel® Centrino® Advanced-N 6230
Software	
Anti-Virus Software	Norton Internet Security™ 2012 30-Day Trial Offer[12]
Operating System	Genuine Windows® 7 Professional with Service Pack 1 64-bit
Supplied Software	Microsoft® Office Starter with reduced-functionality versions of Word and Excel®[7], VAIO Care™, Media Gallery™, PMB - VAIO Edition
Service and Warranty Information	
Toll-Free Phone Support	888-476-6972[8]
Onsite/In-Home Service	Yes[13]
International Service	Yes[20]
Limited Warranty Term	1 Year
Priority Phone Support	239-768-7605[8]
Environmental Information	
ENERGY STAR®	5.0
EPEAT™	Gold
ROHS®	Compliant
Dimensions (Approx.)	
Dimensions (Approx.)	13.04" (W) x 0.92" (H) x 8.84" (D)
Weights and Measurements	
Weight (Approx.)	3.65 lbs. (with Internal Battery)
Power	
Battery Type	Internal Lithium Polymer Battery (4400mAh)
DVD Playback	Up to 3 hours and 45 minutes[10]
Default Brightness	Up to 6 hours and 15 minutes[10]
General	
Action Buttons	VAIO, ASSIST, WEB, Eject, Speed/Stamina, Wireless On/Off
Pointing Device	Touchpad (Gesture supported)
Security	Biometric Fingerprint Sensor, Trusted Platform Module (TCG ver. 1.2 certified), Symantec™ Validation and ID Protection Service (VIP)[19]
Accessories	
Supplied Accessories	Internal Lithium Polymer Battery (4400mAh), AC Adapter, Power Cord
Colors	

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
2. Requires a system with Intel® Turbo Boost Technology. Intel® Turbo Boost Technology and Intel® Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit http://www.intel.com/go/turbo.
4. 1 GB = one billion bytes. Actual formatted capacity will be less.
6. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.
7. Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.
8. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.
9. Requires an Intel® Wireless Display-enabled system, compatible adapter, and TV.
1080p and Blu-ray™ or other protected content playback only available on 2nd gen Intel® Core™ processor-based PCs with built-in visuals enabled, a compatible adapter and media player, and supporting Intel WiDi software and graphics driver installed. Consult your PC manufacturer. For more information, see www.intel.com/go/widi.
10. Based on Sony engineering. Actual performance may vary considerably based on hardware configuration, software, power management settings, environmental conditions, wireless connectivity and other factors. Maximum battery capacity will normally decrease with time and use.
12. Norton™ Internet Security 2012 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
13. Availability may be limited. See limited warranty for details.
19. No system can provide absolute security under all conditions. Requires an Intel® Identity Protection Technology-enabled system, including a 2nd gen Intel® Core™ processor, enabled chipset, firmware, and software, and participating website. Consult your system manufacturer. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, visit http://ipt.intel.com.
20. Not all models applicable. Registration required. See www.sony.com/IRSP for details.
Features and specifications subject to change without notice. Non-metric weights and measures are approximate.
Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may apply).
This product meets the standards of the International Energy Star Program for energy efficiency.
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